

HISTORY KEPT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		<b>ILLINOIS HIGHWAY INFORMATION SYSTEM</b> <b>STRUCTURE INFORMATION AND PROCEDURE MANUAL</b>	
NBIS REQUIRED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		ITEM NAME <b>CONSTRUCTION TYPE INDICATOR</b>	ITEM NO. <b>27</b> PAGE <b>1 of 2</b> EFF. DATE <b>07/01/02</b>
		ISIS	MMIS
RESPONSIBLE FOR UPDATE	District Program Development		N/A
STRUCTURES	All		N/A
UPDATE SCREENS	(5) Construction/Reconstruction History		N/A
INQUIRY SCREENS	(8) Construction/Reconstruction History		(7) Construction / Reconstruction

### DESCRIPTION AND PURPOSE OF ITEM

This item indicates whether the type of construction history information is for the Original construction (O) (note: an alpha "O", not a numeric zero), Reconstruction (R), or Maintenance/Repairs (M) of the structure. Code "X" is reserved for unique situations.

Original construction (O) pertains to the original building of the structure. A single structure number should never have more than one Construction Type Indicator record coded "O".

Reconstruction (R) is defined as the work necessary to bring the structure up to acceptable standards for the system on which it is located. Normally, this would eliminate all structural deficiencies and safety defects of the structure.

Maintenance/Repairs (M) is defined as any work that does not meet the definition of Reconstruction.

As a guide to determine if the construction should be recorded as Reconstruction or Maintenance/Repairs, inquire on the inspection report recorded after the construction was completed (Menu Selection # 4). The condition rating items should all have a value of '7' or greater and the appraisal items should all be '6' or greater to qualify as Reconstruction. Any construction that does not meet these criteria should be considered as Maintenance/Repairs. An exception can be made for the rehabilitation of through trusses. If the extent of the construction removes all the deficiencies except for its geometry, this should be considered as Reconstruction in as much as this type of structure cannot be widened to eliminate its geometric deficiency.

If the final inspection is not available prior to the recording of this item, use your best engineering judgment. This item can easily be changed when the final inspection becomes available.

Code "X" is reserved for use with structures whose structure numbers have been inadvertently reused. Example: a structure 000-1234 was originally built in 1924 (Item 27 coded "O"), completely removed in 1968 and a new structure erected 1200 feet from the original. However, the same structure number 000-1234 was given to the replacement structure (when a new structure number should have been assigned). Because the error was not detected within a reasonable amount of time, the same structure number has been recording information in ISIS for two totally different structures. The "X" code will be used to differentiate between the old and the

# ILLINOIS HIGHWAY INFORMATION SYSTEM

## STRUCTURE INFORMATION AND PROCEDURE MANUAL

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new structures' history, inventory and inspection information on the ISIS database and in the stored archive records of ISIS data. The 1924 Construction Type record's code "O" will be changed to "X" with a notation made in the Remarks field as to the date the structure was replaced. The 1968 Construction Type's record will be given the "O" code. Contact the Central Office, Data Management Unit, prior to assigning the "X" code.

### **CODE AND SCREEN ENTRY INSTRUCTIONS**

A one-digit field.

Enter a value for all structures.

<u>Code</u>	<u>Construction Type Indicator</u>
O (alpha O, not zero)	Original
R	Reconstruction
M	Maintenance/Repairs
X	Used only in unique situations. Contact the Central Office, Bureau of Urban Program Planning, Data Management Unit, prior to use.

Note: Formerly named "Original/Reconstruction Indicator"